

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2006/304762

## A. CLASSIFICATION OF SUBJECT MATTER

**A61K6/00**(2006.01), **A61K8/00**(2006.01), **A61Q11/00**(2006.01), **A61K8/44**(2006.01), **A61K8/73**(2006.01), **A61K31/4164**(2006.01), **A61K31/496**(2006.01), **A61K31/65**(2006.01), **A61K31/734**(2006.01), **A61K33/30**(2006.01),

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

**A61K6/00**, **A61K8/00**, **A61K8/44**, **A61K8/73**, **A61K31/4164**, **A61K31/496**, **A61K31/65**,  
**A61K31/734**, **A61K33/30**, **A61K47/10**, **A61K47/32**, **A61P1/02**, **A61Q11/00**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2006
Kokai Jitsuyo Shinan Koho	1971-2006	Toroku Jitsuyo Shinan Koho	1994-2006

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**BIOSIS/MEDLINE/WPIDS (STN)**, **CAplus (STN)**, **JMEDPlus (JDream2)**,  
**JST7580 (JDream2)**, **JSTPlus (JDream2)**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	Hiroko NAKAHARA et al., "Kizai MP no Shintosei Jikken", The Nippon Dental Review, 11 March, 2004 (11.03.04), No.737, pages 78 to 79	7-13
Y	Toyohiko TAKUSHIGE et al., "3Mix-MP-ho ni Mochiiru Yakuza ni Chogo to Hokan-Kanri", The Nippon Dental Review, 11 March, 2004 (11.03.04), No.737, pages 54 to 57	7-13
Y	JP 2004-231603 A (Shuji WATANABE), 19 August, 2004 (19.08.04), Page 4, Par. No. [0022] (Family: none)	7-13

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  
25 April, 2006 (25.04.06)Date of mailing of the international search report  
02 May, 2006 (02.05.06)Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 10-17490 A (Zeria Pharmaceutical Co., Ltd.), 20 January, 1998 (20.01.98), Page 2, Par. No. [0007] & US 6169083 B1 & EP 938900 A1 & WO 98/1146 A1 & AU 3274597 A & AU 713337 B & CA 2259997 A	11-13
Y	JP 2004-201799 A (Kabushiki Kaisha Niigata TLO), 22 July, 2004 (22.07.04), Page 3, Par. No. [0010] (Family: none)	11-13
Y	JP 2-200624 A (Nippon Kayaku Co., Ltd.), 08 August, 1990 (08.08.90), Page 1, left column(Prior Art); page 2, right column, lower part; examples 1, 2 (Family: none)	11-13

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Continuation of A. CLASSIFICATION OF SUBJECT MATTER  
(International Patent Classification (IPC))

**A61K47/10(2006.01), A61K47/32(2006.01), A61P1/02(2006.01)**

(According to International Patent Classification (IPC) or to both national  
classification and IPC)

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**Box No. II      Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: 1-6  
because they relate to subject matter not required to be searched by this Authority, namely:  
**The inventions as set forth in claims 1 to 6 pertain to methods for treatment of the human body by therapy.**
2.  Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3.  Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box No. III      Observations where unity of invention is lacking (Continuation of item 3 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows:

The inventions according to claims 7 and 8 and a part of claim 13 relate to a composition for treating a bacterial disease in the oral cavity characterized by comprising polyethylene glycols having three polymerization degrees and propylene glycol. The inventions according to claims 9 and 10 and a part of claim 13 relate to a liquid agent for a washing treatment characterized by comprising EDTA. The inventions according to claims 11 and 12 and a part of claim 13 relate to a liquid agent for a hemostasis treatment characterized by comprising sodium alginate and zinc oxide. It does not appear that these three groups of inventions relate to a group of inventions so linked as to form a single general inventive concept.

1.  As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.  As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4.  No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

**Remark on Protest**

the

- The additional search fees were accompanied by the applicant's protest and, where applicable, payment of a protest fee..
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.